

SV

PCT09

RAW SEQUENCE LISTING

DATE: 10/11/2001

PATENT APPLICATION: US/09/674,733

TIME: 10:06:56

Input Set : A:\seqlist_1085 0050000.txt

Output Set: N:\CRF3\10112001\I674733.raw

5 <110> APPLICANT: Szardenings, Michael

7 Muceniece, Ruta

9 Mutule, Ilze

11 Mutulis, Felikss

13 Jarl, Wikberg

17 <120> TITLE OF INVENTION: Melanocortin 1 Receptor Selective Compounds

21 <130> FILE REFERENCE: 1085.0050000/RWE/ALS

25 <140> CURRENT APPLICATION NUMBER: 09/674,733

27 <141> CURRENT FILING DATE: 1999-05-05

31 <150> PRIOR APPLICATION NUMBER: PCT/GB99/01388

33 <151> PRIOR FILING DATE: 1999-05-05

37 <150> PRIOR APPLICATION NUMBER: SE 9801571-2

39 <151> PRIOR FILING DATE: 1998-05-05

44 <160> NUMBER OF SEQ ID NOS: 15

48 <170> SOFTWARE: PatentIn version 3.0

52 <210> SEQ ID NO: 1

54 <211> LENGTH: 13

56 <212> TYPE: PRT

C--> 58 <213> ORGANISM: Artificial ✓

62 <220> FEATURE:

64 <223> OTHER INFORMATION: Synthetic peptide with high affinity for melanocortin ✓

receptor 1

67 <400> SEQUENCE: 1

69 Ser Ser Ile Ile Ser His Phe Arg Trp Gly Lys Pro Val

70 1 5 10

72 <210> SEQ ID NO: 2

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76 <212> TYPE: PRT

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82 <220> FEATURE:

84 <223> OTHER INFORMATION: Synthetic peptide with high affinity for melanocortin ✓

receptor 1

87 <220> FEATURE:

89 <221> NAME/KEY: MOD_RES

91 <222> LOCATION: (7)..(7)

93 <223> OTHER INFORMATION: D amino acid

97 <400> SEQUENCE: 2

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112 <220> FEATURE:

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receptor 1

117 <400> SEQUENCE: 3

119 Tyr Ser Ser Ile Ile Ser His Phe Arg Trp Gly Lys Pro Val

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120 1 5
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126 <212> TYPE: PRT
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132 <220> FEATURE:
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139 Tyr Ser Ile Ile Ser His Phe Arg Trp Gly Lys Pro Val
140 1 5 10
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152 <220> FEATURE:
154 <223> OTHER INFORMATION: Synthetic peptide with high affinity for melanocortin ✓
receptor 1
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159 Ser Ser Ile Ile Ser His Phe Arg Trp Gly Lys Pro Val Tyr
160 1 5 10
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166 <212> TYPE: PRT
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172 <220> FEATURE:
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receptor 1
177 <400> SEQUENCE: 6
179 Ser Ile Ile Ser His Phe Arg Trp Gly Lys Pro Val
180 1 5 10
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186 <212> TYPE: PRT
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194 <223> OTHER INFORMATION: Synthetic peptide with high affinity for melanocortin ✓
receptor 1
197 <400> SEQUENCE: 7
199 Thr Ser Ile Ile Ser His Phe Arg Trp Gly Lys Pro Val
200 1 5 10
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217 <400> SEQUENCE: 8
219 Ser Thr Ile Ile Ser His Phe Arg Trp Gly Lys Pro Val
220 1 5 10
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C--> 228 <213> ORGANISM: Artificial ✓

232 <220> FEATURE:

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Input Set : A:\seqlist_1085 0050000.txt

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234 <223> OTHER INFORMATION: Synthetic peptide with high affinity for melanocortin
receptor 1

237 <400> SEQUENCE: 9

239 Ser Ser Val Ile Ser His Phe Arg Trp Gly Lys Pro Val

240 1 5 10

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254 <223> OTHER INFORMATION: Synthetic peptide with high affinity for melanocortin ✓
receptor 1

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266 <212> TYPE: PRT

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277 <220> FEATURE:

279 <221> NAME/KEY: MOD_RES

281 <222> LOCATION: (1)..(1)

283 <223> OTHER INFORMATION: ACETYLATION

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296 <212> TYPE: PRT

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304 <223> OTHER INFORMATION: Synthetic peptide with high affinity for melanocortin ✓
receptor 1

307 <220> FEATURE:

309 <221> NAME/KEY: MOD_RES

311 <222> LOCATION: (1)..(1)

313 <223> OTHER INFORMATION: D amino acid

317 <400> SEQUENCE: 12

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326 <212> TYPE: PRT

C--> 328 <213> ORGANISM: Artificial ✓

332 <220> FEATURE:

334 <223> OTHER INFORMATION: Synthetic peptide with high affinity for melanocortin ✓
receptor 1

337 <220> FEATURE:

339 <221> NAME/KEY: MOD_RES

341 <222> LOCATION: (1)..(1)

343 <223> OTHER INFORMATION: N-Methyl-L-Serine

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Input Set : A:\seqlist_1085 0050000.txt

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350 1 5 10

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356 <212> TYPE: PRT

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362 <220> FEATURE:

364 <223> OTHER INFORMATION: Synthetic peptide with high affinity for melanocortin ✓

receptor 1

~~367 <220> FEATURE:~~

369 <221> NAME/KEY: MOD_RES

371 <222> LOCATION: (13)..(13)

373 <223> OTHER INFORMATION: MeVal

377 <400> SEQUENCE: 14

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386 <212> TYPE: PRT

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394 <223> OTHER INFORMATION: Synthetic peptide with high affinity for melanocortin ✓

receptor 1.

397 <220> FEATURE:

399 <221> NAME/KEY: MOD_RES

401 <222> LOCATION: (7)..(7)

403 <223> OTHER INFORMATION: N-Methyl-D-Phenylalanine

407 <400> SEQUENCE: 15

409 Ser Ser Ile Ile Ser His Phe Arg Trp Gly Lys Pro Val

410 1 5 10

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/674,733

DATE: 10/11/2001

TIME: 10:06:57

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Output Set: N:\CRF3\10112001\I674733.raw

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